

Atty. Docket No.
17541

Serial No.
10/801,763

**LIST OF PRIOR ART
CITED BY APPLICANT**

(Use several sheets if necessary)

Applicant
Michael Berkei, et al.

Filing Date
March 16, 2004

Group
~~Unassigned~~ 1755

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

up		Kamat, P.V., J. Phys. Chem. B, 106 pp. 7729-7744 (2002) "Photophysical, Photochemical and Photocatalytic Aspects of Metal Nanoparticles", <i>no month available.</i>
in spec		Poulikakos, D., et al., Bulletin ETH Zurich No. 292, pp. 53-56 (Feb. 2004) "Goldrausch Aus Dem Tintenstrahldrucker"
↓		Thomas, K.G., et al., Langmuir, 18 pp. 3722-3727 (2002) "Surface Binding Properties of Tetraoctylammonium Bromide-Capped Gold Nanoparticles", <i>no month available.</i>

EXAMINER

DATE CONSIDERED

10-13-05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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~~1752~~ 1755**U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
<i>[initials]</i>	AA	6,616,741	09/09/03	Sawa, et al.			
	AB						
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	AD						
	AE						
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	AG						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>[initials]</i>		JP 2004-067931 A	03/04/04	Japan			English Abstract	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>		Bishop, Dr. Peter, "Synthetic and Film Forming Aspects of Precious Metal Nanoparticles", <u>Proceedings of the Fourth BCC Conference on Fine, Ultrafine, and Nano Particles 2001</u> , Section 7-C, page 191.

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		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		JP 4342776	11/30/92	Japan				X
		JP 2001019872	01/23/01	Japan				X
		JP 2001089140	04/03/01	Japan				X
		JP 2002069328	03/08/02	Japan				X
		JP 2003020420	01/24/03	Japan				X
		KR 9400999	02/08/94	Korea				X
		PL 177180B	10/29/99	Poland				X
		TW 421639	02/11/01	Taiwan				X
		WO 02/41826 A2	05/30/02	PCT			X	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		Gittins, D.I., et al., Angew. Chem. 113, Nr. 16, pp. 3089-3092 (2001) "Spontaner Phasentransfer Metallischer Nanopartikel von der Organischen in die wässrige Phase", no month available.
		Goia, D.V., et al., Colloids and Surfaces A: Physiochem. Eng. Aspects 146, pp. 139-152 (1999) "Tailoring the Particle Size of Monodispersed Colloidal Gold", no month available.
		Handley, Dean A., Colloidal Gold: Principles, Methods, and Applications, Vol. 1, pp. 13-30 (1989) "Methods for Synthesis of Colloidal Gold", no month available.

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<i>[initials]</i>	AA	5,147,841	09/15/92	Wilcoxon			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>[initials]</i>		CN 1 077 471	10/20/93	China				X
		CN 1 078 241	11/10/93	China				X
		DE 10 030 637	01/10/02	Germany				X
		EP 1 072 653 A2	01/31/01	EPO				X
		EP 1 238 946	09/11/02	EPO				X
		EP 1 359 199 A1	11/05/03	EPO				X
		JP 59170167	09/26/84	Japan				X
		JP 63293107	11/30/88	Japan				X

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>		Bieri, N.R., et al., Appl. Phys. Lett., Vol. 82, No. 20, pp. 3529-3531 (May 19, 2003) "Microstructuring By Printing and Laser Curing of Nanoparticle Solutions".
		Bonnemann, H., et al., Angew. Chem. Int. Ed. Engl. 30, No. 10, pp. 1312-1314 (1991) "Formation of Colloidal Transition Metals in Organic Phases and Their Application in Catalysis", no month available.
		Brust, M., et al., J. Chem. Soc., Chem. Commun., pp. 801-802 (1994) "Synthesis of Thiol-derivatised Gold Nanoparticles in a Two-phase Liquid-Liquid System", no month available.

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